

A circular stamp from the Intellectual Property Office (IPO). The text "O I P E" is at the top, "JAN 12 2006" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom. The letters "INF" and "ST" are visible to the right of the stamp.

(use as many sheets as necessary)

Application Number	10/816,232
Filing Date	3/31/2004
First Named Inventor:	Brian Doyle
Art Unit	2815
Examiner Name	Wojciechowicz, Edward J

Sheet	1	of	2	Attorney Docket Number	42P17292
-------	---	----	---	------------------------	----------

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JST		JP 62073668	04/04/1987	Yamamoto		
		JP 05226362	9/3/1993	Matshuhashi		
		JP 05243564	9/21/1993	Yoshihiro		
		EP 0856892 A2	8/5/1998	Okihara et al.		
		WO 0077828 A2	12/21/2000	Stolk et al.		

802

Date Considered
3-25-06

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer,

Based on Form PTO/SB/08A (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

Substitute for Form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/816,232
		Filing Date	3/31/2004
		First Named Inventor:	Brian Doyle
		Art Unit	2815
		Examiner Name	Wojciechowicz, Edward J
Sheet 2 of 2	Attorney Docket Number	42PI7292	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
EOJ		International Searching Authority Report (ISR) PCT/US05/010506 and Written Opinion of ISA mailed 11/30/2005.	
		ANONYMOUS: "MOS Transistor with Engineered Metal Electrodes, including fabrication process." Research Disclosure, Kenneth Mason Publications, Westbourne, GB, vol. 438, no. 1, Oct. 2000.	
		FROHLICH K ET AL: "Ru and RuO2 gate electrodes for advanced CMOS technology" Materials Science and Engineering B, Elsevier Sequoia, Lausanne, CH, vol. 109, no. 1-3, 5 March 2004, pages 117-121.	
		LANDER R J P ET AL: "A Tuneable Metal Gate Work Function Using Solid State Diffusion of Nitrogen," Proceedings of the 32 nd European Solid-State Device Research Conference, Univ. of Bologna, Bologna, Italy, 2002, pp 103-106.	
EOJ		LIN R ET AL, "An Adjustable Work Function Technology Using Mo Gate for CMOS Devices," IEEE Electron Device Letters, IEEE Inc., New York, vol. 23, no. 1, Jan 2002, pp.49-51.	

Examiner Signature	EOJ	Date Considered	3-25-06
--------------------	-----	-----------------	---------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.
 If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.